20255 PMT #23849

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

18397 48 49 50

Log No. 7929
Rec. June 18 1964
Well No. 23849
Permit No. 18347
Do not fill in.

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Owner Hazel Bishop Driller Armstrong Bros
Address P.O. Box 219 Wasco, Calif. Address P.O. Box 413 Orovada Nev. Lic. No. 5348
Location of well: SW ¼ NW ¼ Sec. 11, T. 38 N/S, R. 36 E, in Humboldt County
or
Water will be used for Irrigation Total depth of well 628 ft.
Size of drilled hole 16" Weight of casing per linear foot 44 lb.
Thickness of casing ¼" Temp. of water
Diameter and length of casing 16½" X 265 ft.
(Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)
If flowing well give flow in c.f.s. or g.p.m. and pressure
If nonflowing well give depth of standing water from surface 85 ft.
If flowing well describe control works
(Type and size of valve, etc.)
Date of commencement of well April 28-1964 Date of completion of well May 7-1964
Type of well rig Cable Tool (Mud Screw)

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	8	8	Topsoil
8	33	25	Brown clay
33	42	9	Sand + Peagravel
42	48	6	Brown clay
48	52	4	hard Sand + Peagravel
52	78	26	Brown Clay
78	93	15	Peagravel + Sand
93	117	24	Brown Clay
117	126	9	Soft Br. Clay
126	228	102	Sand + Peagravel (loose)
228	236	8	Cemented Gravel
236	260	24	Sand + Peagravel
260	327	67	Sticky Brown Clay
327	363	36	Blue Clay + Shale
363	392	29	Soft Br. Clay
392	419	27	Sticky Blue Clay
419	431	12	Sticky Brown Clay
431	456		Sticky Blue Clay.

Water-bearing Formation, Casing Perforations, etc.

Chief aquifer (water-bearing formation)
from 126 to 228 ft.
Other aquifers
628

First water at 78 ft. feet.

Casing perforated
from 100 ft. to 260 ft.

Size of perforations
½" X 2" Smiley

919

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material
456	510	54	Sticky Brown Clay
510	523	13	Hard Sticky Br. Clay
523	554	31	Soft Brown clay
554	573	19	dark blue Clay
573	593	20	Grayish Blue Clay
593	596	3	Soft Br. Clay
596	625	29	Hard Br. Clay
625	628	3	Sand + Gravel.

CASING RECORD

Diam. casing	From feet	To feet	Length	REMARKS—Seals, Grouting, etc.
16"	0	265	265	

GENERAL INFORMATION—Pumping Test, Quality of Water, etc.

Quality of Water Good.

Test. 2720 G.P.M. from 143 ft.

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed Armstrong Bros.
(Well Driller)

By Joe L. Armstrong

License No. 420

Dated June 12, 1964

(Not to be filled in by Driller)